

SWBAT: explain induction in conductors

Jan 4-7:20 AM

Welcome!!!

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Centering

SECA Physics
Wednesday 5 February 2014

- * Pick up:
 - slip of paper (for later)

Opening question:



What's an electrical CONDUCTOR? Is water a good or bad conductor of electricity?

Sep 7-7:04 AM

Ground Hog's Day

<http://www.youtube.com/watch?v=n8tBLlgBmoA>

Time Cop

http://www.youtube.com/watch?v=268EIU_fUiY

Tap water is a GREAT conductor

Eureka 24 - Conduction 2:40-3:20

Conductors have free electrons (or ions) that allow charge to move around easily!

FOR EXAMPLE: METALS, TAP WATER

Insulators do not.

Feb 5-7:29 AM

"Life is like a box of chocolates"

"There are plenty of fish in the sea."

The like / opposite "smell" analogy

~~Women~~

~~Guys~~: don't like how other guys smell and try to move away
DO like how women smell and try to move closer

~~Guys~~

~~Women~~: don't like how other women smell and try to move away
DO like how guys smell and would move closer if they could but are stuck in their chairs

People are on little boats (?) surrounded by acid (?)

Smell goes as...


Conductor /
Insulator

Feb 3-7:07 AM

Any heart problems?

<http://www.youtube.com/watch?v=p2EwLIIV7uU>

Building "Leyden Jars"

 <http://www.youtube.com/watch?v=KV85Os3jVo8>

A Leyden Jar is a way to **STORE CHARGE** temporarily.

Catchy Physics Phrases

Feb 3-7:31 AM

Daily 3 Questions

- * Every day except test/project days
- * 3 Questions on the topics of the day
- * Main source of daily points
- * I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

CP Hmwk: Draw a diagram of a leyden jar, give the foil thickness. If we add electrons to the paper clip, where will charges move to?

You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. Is tap water a good conductor?

YES

2. What allows electrons to move easily?

a. conductors

b. insulators

c. neither

3. What does our Leyden Jar store (NOT water!)?

CHARGE

Feb 1-7:52 AM